

Work Order ID 54861

January 4, 2010 10:40:02 AM



Page 1

Item ID: D350-607-047

Accept



Setup Start



Revision ID:

Item Name: Helix-Utility-Basket

Stop



Start Date: 05/01/2010 Start Qty: 1.00

Required Date: 12/01/2010 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *BT*

Date: *10-1-04* Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607	Rev F								
100		0.00							
	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPPD350-607-047 CHG002								
									<i>BT 10-1-04</i>
110	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									<i>10-1-19 (10) SP</i>
120	Small Fab	0.00							
Small Fab	Memo	0.00							
Small Fab	Assemble as per Dwg D350-607								<i>=> 10-1-25 (10) Ø</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54861

January 4, 2010 10:40:02 AM



Page 2

Item ID: D350-607-047

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 05/01/2010 Start Qty: 1.00



Cast Item ID:

Required Date: 13/01/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC5- Inspect part completeness to step on W/O

0.00



⇒ 8106125

QC

Memo

0.00



Quality Control

140

Pick Kit

0.00



Packaging

Memo

0.00

10-1-19 (12) 38

Packaging

150

QC4- 100% Inspect kits for completeness

0.00



⇒ 8106126

QC

Memo

0.00



Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54861

January 4, 2010 10:40:02 AM

Page 3

Item ID: D350-607-047

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Basket

Start Date: 05/01/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 13/01/2010 Req'd Qty: 1.00

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160



Packaging

Packaging

0.00

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-
047 Location: *NE/C*

170



QC

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Quality Control

*R 10/01/2010**10/01/27**MF 10-1-26*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Page 1

74

Work Order ID: 54861



Parent Item: D350-607-047



Parent Item Name: Heli-Utility-Basket

Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4 Nut		Purchased	No			110 140	Each	4,191.000	13.0000	14	10-1-19 SP	P10

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	4191	
102552	6	
104248	6	
110507	184	
111827	2995	13
113422	1000	
15924	0	

AN3-16A

Purchased

No

120

Each




57.0000

2.0000



Bolt

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	57	
111965	57	2

W/O: 54861		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10.01.19		R wrong seq. # should be 140. PERM CHANGE Also wrong # Amount of nut MS2104264 should be Qty 14		10/01/27			 10/01/26

Part No: D350-607-047 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:

Start Qty: 1.00


Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-13A  Bolt		Purchased	No			120	Each	649.0000	2.0000			

10-1-19 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	649	
113359	649	
17406	0	
51764	0	

2

AN4-22A  Bolt		Purchased	No			120	Each	246.0000	7.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

10-1-19 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	246	
104937	8	
107715	5	
108483	33	
111965	200	

7

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN5-17A  Bolt		Purchased	No			120	Each	142.0000	4.0000			

10-1-19 SP
M113422

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	142	
102140	4	
107939	2	
110625	2	
112314	1	
112385	33	
113422	50	
113538	50	

AN960JD416

Purchased

No

120

Each

1,489.000 14.0000

Washer

10-1-19 SP

Warehouse	Loc Qty	Loc Code
<u>Location</u>		
Main Warehouse		
ST	1489	
103691	20	
104215	6	
108161	329	
110523	340	
111279	101	
111916	482	
112314	211	
16941	0	

14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416L  Washer		Purchased	No			120	Each	795.0000	2.0000		10-11-19 SP	

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	795	
105078	4	
107008	54	
108583	40	
110153	297	
112492	400	

AN960JD516



Washer

Purchased

No

120

Each

738.0000

4.0000



M11328 10-1-19 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	738	
110363	46	
110523	57	
111279	39	
112082	64	
112314	14	
112828	28	
113149	490	

NA51149005632

Q51 017
SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket



Comments:

Start Date: 05/01/2010



Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Rev Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD8  Washer		Purchased	No			120	Each	1,067.000	2.0000		 10-1-19	sf

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	1067	
107091	9	
108335	11	
110382	48	
110917	3	
111578	60	
112314	216	
112385	720	

AN970-4  Washer	Purchased	No				120	Each	274.0000	4.0000		 10-1-19	sf
---	-----------	----	--	--	--	-----	------	----------	--------	--	--	----

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	274	
104885	3	
107242	3	
107715	1	
108077	2	
108377	19	
111724	3	
112082	1	
112794	9	
112991	233	

January 4, 2010 10:40:07 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:


Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2022-101  Spacer		Manufactured	No			120	Each	471.0000	5.0000			


10-1-19 SP

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST504	471	
45885	271	
50746	100	
52325	100	

D2258-200  Placard 2001b	8	Manufactured	No			120	Each	10.0000	1.0000			
---	---	--------------	----	--	--	-----	------	---------	--------	--	--	--

10-1-19 SP

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	10	
48350	1	
54036	9	

D2332-041  Lid Prop Assembly 6.69" long		Manufactured	No			120	Each	6.0000	1.0000			
--	--	--------------	----	--	--	-----	------	--------	--------	--	--	--

10-1-19 SP

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
572	6	
51969	6	

January 4, 2010 10:40:07 AM

Shop Packet Print

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:07 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2530  Handle Weldment		Manufactured	No			120	Each	8.0000	1.0000			

10-1-19 SP

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

8

53922

8

120

Each

24.0000

2.0000

1

10-1-19 SP

D2535

Manufactured

No



Spring

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

24

46580

24

120

Each

87.0000

2.0000

2

10-1-19 SP

D2537

Manufactured

No



Bushing

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

87

52994

27

53181

60

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket



Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2728-3 		Manufactured	No			120	Each	0.0000	0.0000			
Dart Logo label												
D2931 		Manufactured	No			120	Each	931.0000	2.0000			
Bumper												

B22553 SP

10-1-19 SP

Warehouse

Loc Qty

Loc Code

Location




Main Warehouse

ST

46064

931

931

D3265-041 		Manufactured	No			120	Each	0.0000	1.0000			
Basket Base Assembly												
D3267-041 		Manufactured	No			120	Each	0.0000	1.0000			
Basket lid Assembly (Outside)												
D3267-043 		Manufactured	No			120	Each	0.0000	1.0000			
Basket Lid Assembly (Inside)												

g

B 54870 W 10-01-25 (X)

B 54871 W 10-01-25 (X)

B 54872 W 10-01-25 (X)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861



Parent Item: D350-607-047



Parent Item Name: Heli-Utility-Basket

Start Date: 05/01/2010

Required Date: 13/01/2010

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS20600-AD4W3 Purchased

No

120

Each

2,509.000

2.0000



10-1-19 SP

Cherry Rivets

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2509

102929

37

104715

10

106375

494

107939

1000

111636

968

1

MS21042L3

Purchased

No

120

Each

3,174.000

2.0000



10-1-19 RD SP

Nut

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

3174

110844

35

111274

27

111668

64

112314

1548

112385

500

113523

300

113537

700

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00


Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Loc Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			120	Each	4,191.000	9.0000			
												
Nut												



10-1-19 SP

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	4191	
102552	6	
104248	6	
110507	184	
111827	2995	
113422	1000	
15924	0	

9

MS21042L5	Purchased	No				120	Each	1,092.000	4.0000			
												
Nut												



10-1-19 SP

(10)

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	1092	
110382	10	
111636	11	
112314	571	
113523	300	
113537	200	

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket

Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN4-12A

Purchased

No

150

Each

409.0000

5.0000

10-1-19 SP

Bolt

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

409

105143

1

111605

13

111925

79

112314

300

6071

16

AN4-13A /

Purchased

No

150

Each

649.0000

2.0000

10-1-19 SP

Bolt

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

649

113359

649

17406

0

51764

0

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket


Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-15A  Bolt		Purchased	No			150	Each	486.0000	8.0000 (12)			Pho →

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

486

113121

86

113538

400

AN960JD416

Purchased

No

150

Each

1,489.0000 26.0000

Washer

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

1489

103691

20

104215

6

108161

329

110523

340

111279

101

111916

482

112314

211

16941

0

W/O: 54861		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
10/1/26	#	change qty of Bolts for For AN 4-15a Bolts to 12 Per DS1 9342 Perm. Change	<i>[Signature]</i>	10/01/27		<i>[Signature]</i>	<i>[Signature]</i> 10/01/27	
		change qty of washers to 4-15a 4-15a 4-15a 4-15a 4-15a 4-15a						

Part No: D350-607-047 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket

Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	--------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D2230-1/  Lug		Manufactured	No			150	Each	104.0000	4.0000		10-1-19	sf
--	--	--------------	----	--	--	-----	------	----------	--------	--	---------	----

Warehouse Loc Qty Loc Code

Location

Main Warehouse

FG

100

53782

100

Main Warehouse

ST

4

51761

4

D2230-3  Lug		Manufactured	No			150	Each	217.0000	4.0000		10-1-19	sf
---	--	--------------	----	--	--	-----	------	----------	--------	--	---------	----

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

7

50306

5

51568

2

Main Warehouse

ST176

100

53881

100

Main Warehouse

ST476

110

53781

110

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 4, 2010 10:40:08 AM

Work Order ID: 54861

Parent Item: D350-607-047

Parent Item Name: Heli-Utility-Basket

Comments:

Start Date: 05/01/2010

Required Date: 13/01/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2324 Strut		Manufactured	No			150	Each	3.0000	1.0000			

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	3	
51750	3	

D2732 Rubber Extrusion	x6 @ 3.00" long READY	Manufactured	No			150	f	138.4094	2.0000			
---------------------------	--------------------------	--------------	----	--	--	-----	---	----------	--------	--	--	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	138.4094	
38509	20.62	
43118	117.7894	

NAS1515H4 Washer		Purchased	No			150	Each	186.0000	2.0000			
---------------------	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST	186	
111294	86	
111525	100	

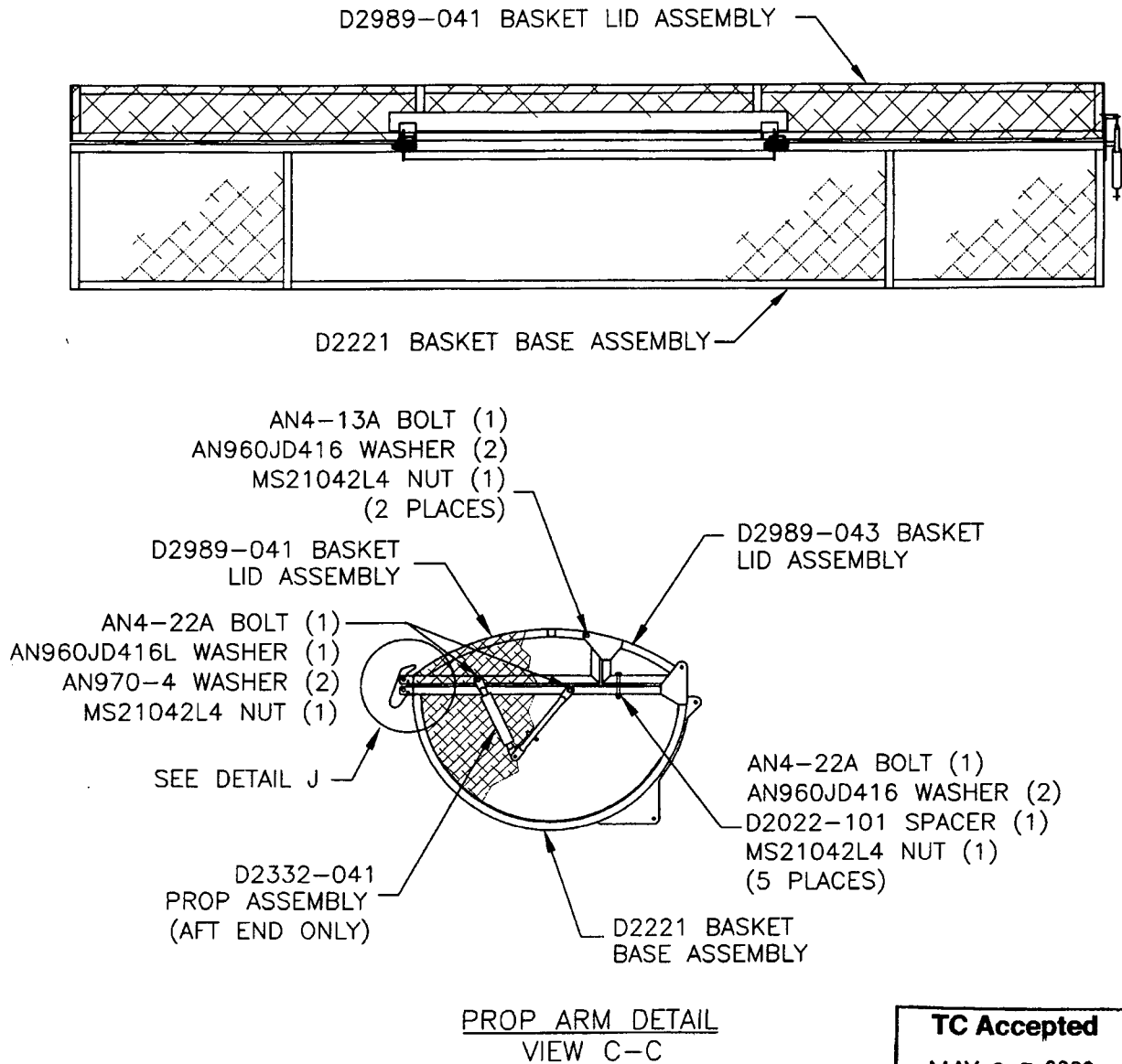
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

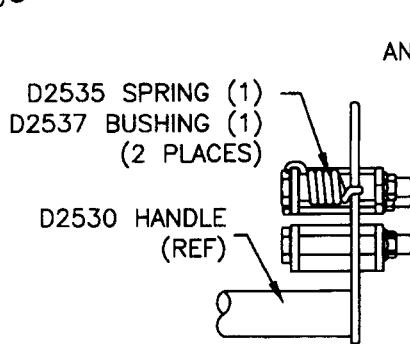


TC Accepted
MAY 27 2003

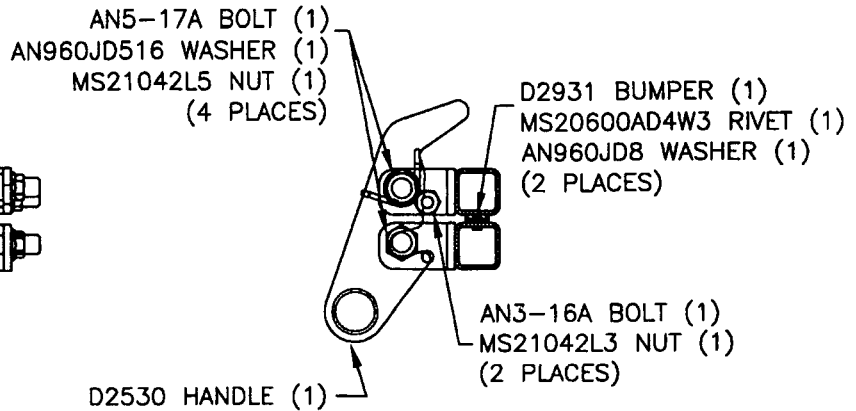
Figure 25-4 – Basket Replacement Parts
(D350-607-043 Heli-Utility-Basket™)

• COPYRIGHT © 2003 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/B 54861

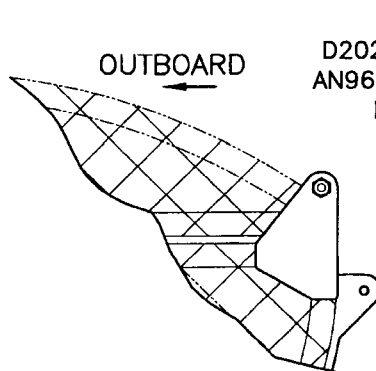


SPRING DETAIL

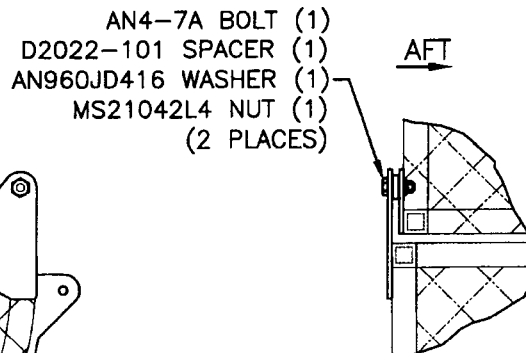


LATCH DETAIL

DETAIL J:
HANDLE WELDMENT



HINGE DETAIL
END VIEW, LOOKING AFT
OTHER END OPPOSITE



HINGE DETAIL
SIDE VIEW, LOOKING OUTBOARD.
OTHER END OPPOSITE

DETAIL H:
HINGE

Figure 25-5 – Basket Replacement Parts

• COPYRIGHT © 2003 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: 0

TC Accepted

MAY 27 2003

25-00-00

Page 11 (12 blank) of 16

REFERENCE ONLY

25.7 PARTS LIST

Qty -041	Qty -043	Part Number	Description
X		D350-607-041	HELI-UTILITY-BASKET
	X	D350-607-043	HELI-UTILITY-BASKET
2	5	D2022-101	SPACER
1	1	D2221	BASKET BASE ASSEMBLY
4	4	D2230-1	LUG
4	4	D2230-3/	CLAMP
1	1	D2258-200	LABEL
1	1	D2324	STRUT
1	1	D2332-04T	PROP ASSEMBLY
1		D2512	BASKET LID ASSEMBLY
1	1	D2530	HANDLE WELDMENT
2	2	D2535	SPRING
2	2	D2537	BUSHING
4	4	D2856-400-720	ABRASION STRIP D27
2	2	D2931	BUMPER
	1	D2989-041	BASKET LID ASSEMBLY (OUTSIDE)
	1	D2989-043	BASKET LID ASSEMBLY (INSIDE)
2	2	AN3-16A	BOLT
2		AN4-7A	BOLT
5	5	AN4-12A	BOLT
8	10 8	AN4-13A	BOLT -2
1	7	AN4-22A	BOLT -2
1		AN4-24A	BOLT
4	4	AN5-17A	BOLT
2	2	MS20600AD4W3	RIVET (OR CR9163-4-3)
28	40 28	AN960JD416	WASHER 2-14
2	2	AN960JD4T6L	WASHER
4	4	AN960JD516	WASHER
2	2	AN960JD8	WASHER
4	4	AN970-4	WASHER
2	2	MS21042L3	NUT (OR MS21042-3)
17	22 14	MS21042L4	NUT (OR MS21042-4) -2-1-5
4	4	MS21042L5	NUT (OR MS21042-5)

• COPYRIGHT © 2003 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: 0

TC Accepted

MAY 27 2003

25-00-00

Page 15 (16 blank) of 16

12
-8
14

DART

DESIGN #	DRAWN BY B	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. DSI 9273	REV. B SHEET 1 OF 1
DATE 07.05.30		TITLE ADD D350-607-045	SCALE NTS
A	04.02.02	NEW ISSUE	
B	07.05.30	CORRECTED TYPO ON CERT NUMBER	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION DRAWING D350-607 REV. F

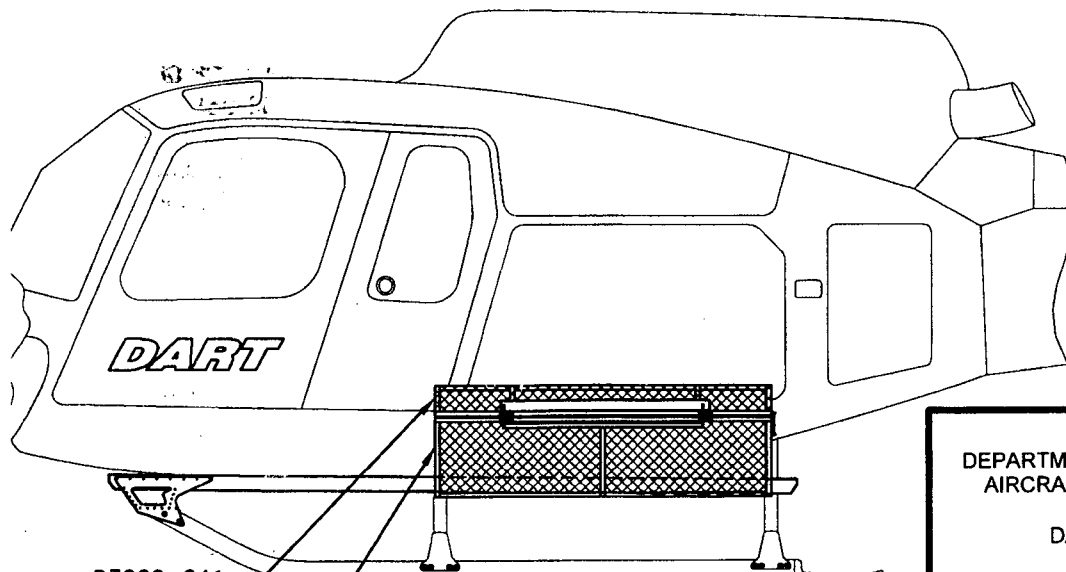
REF. CANADIAN STC: SH94-14

REF. FAA STC: SR00213NY

REFERENCE ONLY

Add D350-607-045 and D350-607-047 to D350-607 Rev.F. Install and maintain D350-607-045/-047 the same as D350-607-041/-043. Parts list for D350-607-045 is same as D350-607-041, except that D3265-041 Base replaces D2221 Base and D3266-041 Lid replaces D2512 Lid. Parts list for the D350-607-047 is the same as D350-607-043 except that D3265-041 Base replaces D2221 Base and D3267-041/-043 Lid replaces D2989-041/-043 Lid. Weight & balance for D350-607-045/-047 is as follows:

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D350-607-045 <i>Heli-Utility-Basket™</i>	65.0 lb 29.5 kg	±48 in ±1.22 m	±3120 in-lb ±36.0 m-kg	135 in 3.43 m	8775 in-lb 101.2 m-kg
D350-607-047 <i>Heli-Utility-Basket™</i>	65.0 lb 29.5 kg	±48 in ±1.22 m	±3120 in-lb ±36.0 m-kg	135 in 3.43 m	8775 in-lb 101.2 m-kg



D3266-041
ASKET LID (-045)
OR
D3267-041/-043
ASKET LID (-047)

D3265-041
BASKET BASE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: **D. Shepherd**
D. SHEPHERD (DE # 02)

DATE: 07.05.30
CERT. NO.: SH94-14
ISSUE NO.: 4

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9318	REV. A SHEET 1 OF 1
DATE 06.01.06		TITLE WASHER ADDITION	SCALE NTS
A	06.01.06	NEW ISSUE	

REFERENCE ONLY
8

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607 REV. F

REF. CANADIAN STC: SH94-14 ISSUE 4

REF. FAA STC: SR00213NY

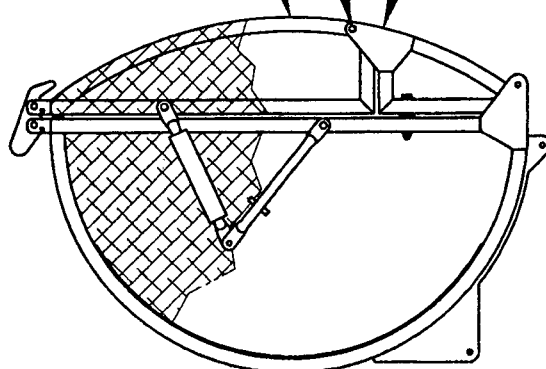
To reduce the possibility of damaging the finish, a **NAS1515H4** washer (2 places) has been added between the hinge plate and basket frame on the **D350-607-043/-047 Heli-Utility-Basket**.

The corrected bolt stackup from Figure 5 of installation instructions D350-607 Rev. F is given below:

AN4-13A BOLT (1)
AN960JD416 WASHER (1)
HINGE PLATE (REF)
NAS1515H4 WASHER (1)
BASKET FRAME (REF)
AN960JD416 WASHER (1)
MS21042L4 NUT (1)
(2 PLACES)

BASKET FRAME (REF)

HINGE PLATE (REF)



CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE #02)

DATE: 06.01.06
CERT. NO.: SH94-14
ISSUE NO.: 4

Copyright © 2006 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

REFERENCE ONLY

FOR D350-607-041 AT CHG 008, D350-607-043 AT CHG 005, AND D350-607-045/-047 AT CHG 003 AND SUBSEQUENT, THE INTENT OF DSI 9342 HAS BEEN INCORPORATED DURING MANUFACTURE. AMEND WEIGHT AND BALANCE AS OUTLINED BELOW. ALSO, THE PARTS LIST HAS BEEN AMENDED AS FOLLOWS:

QTY. -041	QTY. -043	QTY. -045	QTY. -047	PART NUMBER	DESCRIPTION
X				D350-607-041	HELI-UTILITY BASKET
	X			D350-607-043	HELI-UTILITY BASKET
		X		D350-607-045	HELI-UTILITY BASKET (SHORT)
			X	D350-607-047	HELI-UTILITY BASKET (SHORT)

IS:

1	1	1	1	AN4-12A	BOLT
4	4	4	4	AN4-15A /	BOLT
28	40	30*	42*	AN960JD416	WASHER

* EXTRA WASHERS REQUIRED TO MOUNT LID ON BASE DUE TO INCREASED THICKNESS OF GUSSETS AT BOTH ENDS OF BASKET BASE. LOCATE WASHERS BETWEEN BASE HINGE PLATE AND D2022-101 SPACER, TYPICAL BOTH ENDS.

WAS:

5	5	5	5	AN4-12A	BOLT
28	40	28	40	AN960JD416	WASHER

WEIGHT & BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D350-607-041/-043 AT CHG 008/005 HELI-UTILITY BASKET	89.6 lb 40.6 kg	±48 in ±1.22 m	±4301 in-lb ±49.5 m-kG	135 in 3.43 m	±12096 in-lb ±139.3 m-kG
D350-607-045/-047 AT CHG 003 HELI-UTILITY BASKET (SHORT)	66.6 lb 30.2 kg	±48 in ±1.22 m	±3197 in-lb ±36.8 m-kG	135 in 3.43 m	±8991 in-lb ±103.6 m-kG

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)
DATE: 09.04.06
CERT. NO.: SH94-14
ISSUE NO.: 4

DESIGN	<i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>PH</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9342	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET BASE WELD REPAIR	NTS
DATE	09.04.06	<small>COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-607 REV. F

REF CANADIAN STC: SH94-14

FAA STC: SR00213NY

REFERENCE ONLY

FOR THE FOLLOWING D350-607-XXX HELI-UTILITY-BASKET INSTALLATIONS, INSTALL THE D2732-030 RUBBER CUSHIONS UNDER THE D2230-1/-3 CLAMPS AS SHOWN IN FIGURE 1. THE D2856-400-720 ABRASION STRIPS HAVE BEEN REMOVED FROM THE D350-607-XXX HELI-UTILITY-BASKET KITS.

TABLE 1: D350-607-XXX KITS WITH D2732-030 RUBBER CUSHION

INSTALLATION	CHG NUMBER
D350-607-041	007 OR LATER
D350-607-043	004 OR LATER
D350-607-045	002 OR LATER
D350-607-047	002 OR LATER

AMEND PARTS LIST AS FOLLOWS:

REMOVE:

Qty -041	Qty -043	Qty -045	Qty -047	PART NUMBER	DESCRIPTION
X				D350-607-041	HELI-UTILITY-BASKET
	X			D350-607-043	HELI-UTILITY-BASKET
		X		D350-607-045	HELI-UTILITY-BASKET
			X	D350-607-047	HELI-UTILITY-BASKET
4	4	4	4	D2856-400-720	ABRASION STRIP
8	8*	8	8*	AN4-13A	BOLT

*NOTE: FOR D350-607-043/-047 INSTALLATIONS, QTY (2) AN4-13A BOLTS USED FOR INSTALLATION OF THE SPLIT LID ARE STILL INCLUDED

ADD:

Qty -041	Qty -043	Qty -045	Qty -047	PART NUMBER	DESCRIPTION
X				D350-607-041	HELI-UTILITY-BASKET
	X			D350-607-043	HELI-UTILITY-BASKET
		X		D350-607-045	HELI-UTILITY-BASKET
			X	D350-607-047	HELI-UTILITY-BASKET
8	8	8	8	D2732-030	RUBBER CUSHION
8	8	8	8	AN4-15A	BOLT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
[Signature]
BY: D. SHEPHERD (DE # 02)

DATE: 07.11.14
CERT. NO.: SH94-14
ISSUE NO.: 4

B	D2732-030 IS NOW STANDARD ON -041/-043/-045/-047; DSI 9380-011 UPGRADE OPTION FOR PREVIOUS CUSTOMERS	PH	07.11.14
A	NEW ISSUE	MB	07.06.06
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. B DSI 9380 SHEET 1 OF 2 TITLE SCALE RUBBER CUSHION KIT NTS	
DRAWN	PH		
CHECKED			
MFG. APPR.	N/A		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	07.11.14	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	